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## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Wayne A. Weimer § Docket No.: 34003.30  
Serial No.: 09/852,992 § Examiner: Timothy H. Meeks  
Filed: May 10, 2001 § Art Unit: 1762  
Entitled: System and Method for Controlling §  
Deposition Parameters in Producing §  
a Surface to Tune the Surface's §  
Plasmon Resonance Wavelength §

RESPONSE TO OFFICE ACTION MAILED March 16, 2004

Mail Stop Amendment  
Commissioner of Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

EXPRESS MAIL NO.: <u>EV33 344 3407 US</u>	
DATE OF DEPOSIT: <u>6/16/2004</u>	
This paper and fee are being deposited with the U.S. Postal Service Express Mail Post Office to Addressee service under 37 CFR §1.10 on the date indicated above and is addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.	
<u>Ellen Lovelace</u> Name of person mailing paper and fee	
<u>John Jordan</u> Signature of person mailing paper and fee	

I. Introductory Comments

The present paper is submitted in response to the Office Action mailed March 16, 2004. No extension of time is believed to be necessary. If, however, an extension of time is required, the extension is requested, and I authorize the Commissioner to charge any fees for this extension to Haynes and Boone, LLP's, Deposit Account No. 08-1394.

No fees are believed to be required at this time. If, however, any fees are required, I authorize the Commissioner to charge such fees to Haynes and Boone, LLP's, Deposit Account No. 08-1394.

**Amendments to the Claims** begin on page 2 of this paper.

**Remarks/Arguments** begin on page 10 of this paper.